| Inde | x of | Claims | : |
|------|------|--------|---|
|      |      |        |   |
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| Appli | cation/Co | ntrol No. |
|-------|-----------|-----------|
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**BARBARA SUMMONS** 

10/563,786

FUSE, NOBUO
Art Unit

Examiner

2817

✓ Rejected= Allowed

(Through numeral)
Cancelled

Restricted

ncelled N Non-Elected

I Interference

A Appeal
O Objected

Applicant(s)/Patent under Reexamination

| Cla          | aim      | Date           |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |          |                                                  |          |          | Claim Date      |          |          |          |              |                                                  |          |          |          | Γ        | Cla      | aim      | Date     |          |               |            |          |              |          |                                                  |          |          |               |   |          |
|--------------|----------|----------------|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|--------------------------------------------------|----------|----------|-----------------|----------|----------|----------|--------------|--------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|---------------|------------|----------|--------------|----------|--------------------------------------------------|----------|----------|---------------|---|----------|
|              |          |                |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |          |                                                  |          |          | $\overline{}$   |          |          |          |              |                                                  |          |          |          |          |          |          |          |          |               |            |          |              |          |                                                  |          |          |               |   |          |
| <u> </u>     | Original | 2/1/08         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |          |                                                  |          |          |                 |          | Final    | Original |              | ll                                               |          |          |          |          |          |          |          |          | Final         | Original   |          |              | 1        |                                                  |          |          |               |   |          |
| Final        | rig      | 21/            |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |          |                                                  |          |          |                 |          | 🛅        | j.E      | 1            |                                                  |          |          |          |          |          |          | - 1      |          | ᇤ             | rig        |          |              |          |                                                  |          |          |               |   |          |
|              | 0        | `              |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |          |                                                  |          |          |                 |          |          | 0        |              |                                                  |          |          |          |          |          |          |          |          |               | 0          |          |              |          |                                                  |          |          |               |   | •        |
|              | (1)      | 7              | 一        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |          |                                                  |          |          |                 |          |          | 51       | 1            | П                                                |          |          |          |          | コ        |          |          |          |               | 101        |          |              |          |                                                  |          |          |               |   |          |
|              | 2        | 7              |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |          |                                                  |          |          | П               |          |          | 52       | T            |                                                  |          |          |          | ヿ        | $\neg$   | $\sqcap$ |          | Г        |               | 102        |          |              |          |                                                  |          |          |               |   |          |
|              | 3        | O              | $\neg$   | $\neg$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |                                                  |          |          |                 |          |          | 53       |              |                                                  | •        |          |          | $\Box$   |          |          |          |          |               | 103        |          |              |          |                                                  |          |          |               |   |          |
|              | 4        | V              |          | $\neg$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |                                                  |          |          |                 |          |          | 54       |              |                                                  |          |          |          |          |          |          |          |          |               | 104        |          |              |          |                                                  |          |          |               |   |          |
|              | 5        | V              |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |          |                                                  |          |          |                 |          |          | 55       |              |                                                  |          |          |          |          |          |          |          |          |               | 105        |          |              |          |                                                  |          |          |               |   |          |
|              | 6        | 0              |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |          |                                                  |          |          |                 |          |          | 56       |              |                                                  |          |          |          |          |          |          |          |          |               | 106        |          |              |          |                                                  |          |          |               |   |          |
|              | 7        | J              |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |          |                                                  |          |          |                 |          |          | 57       |              |                                                  |          |          |          |          | _        |          | _        |          |               | 107        |          |              |          |                                                  |          |          | _             |   |          |
|              | 8        | V              | ,        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |          |                                                  |          |          |                 |          |          | 58       |              |                                                  |          |          |          | _        | _        |          | _        | L        | _             | 108        |          |              |          |                                                  |          |          | _             |   |          |
|              | 9        | M              |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |          |                                                  |          |          |                 |          |          | 59       | 丄            |                                                  |          |          |          | _        | _        | _        | _        | L        | _             | 109        |          |              |          |                                                  |          |          | _             |   |          |
|              | 10       | O              |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |          |                                                  |          |          |                 | _        |          | 60       | <u> </u>     | Ш                                                |          |          |          |          |          | _        | _        | <u> </u> | _             | 110        |          |              |          |                                                  |          |          | _             |   |          |
|              | 11       |                |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |          |                                                  | Ш        | Ш        | Ш               | $\Box$   |          | 61       | _            | Ш                                                |          | Ш        | $\Box$   | _        | _        | $\dashv$ | _        | L        |               | 111        |          | Щ            | <u> </u> | L                                                |          | Щ        |               |   |          |
|              | 12       | Q              |          | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{ol{ol{ol}}}}}}}}}}}}}}}}}}$ | ]        |                                                  | Ш        |          | Ш               | Ц        |          | 62       | $\perp$      | Ш                                                | Ш        | Ш        |          | $\Box$   |          | _        | _        | L        |               | 112        |          |              | $\sqcup$ | Щ                                                |          | Ш        | _             |   |          |
|              | 13       | $\mathbf{O}$   |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |          |                                                  |          | $\Box$   | Ш               | $\Box$   |          | 63       | 1            | Щ                                                | Ш        |          | Ц        |          | _        | 4        | _        | L        |               | 113        |          | Щ            | Щ        | ldash                                            |          | Щ        | $\dashv$      |   |          |
|              | 14       | Q              |          | _                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |                                                  | Ш        | Ш        | Ш               | $\dashv$ | <u> </u> | 64       | _            | Щ                                                | Ш        | Ш        | $\Box$   |          | _        | _        | _        | L        |               | 114        |          | Ш            | $\vdash$ | <u> </u>                                         |          | Щ        | $\rightarrow$ |   | _        |
|              | 15       | Q              | _        | _                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | _        | Ш                                                | Ш        | Ш        | Щ               | _        |          | 65       | $\vdash$     | Ш                                                | Ш        | Ш        | Щ        | _        | _        | 4        | _        | <u> </u> | _             | 115        | _        | <u> </u>     |          | <u> </u>                                         |          | Щ        |               | _ |          |
|              | 16       | [V]            | _        | _                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          | Ш                                                | Ш        | Ш        | Ш               | _        | -        | 66       | <del> </del> | $\vdash$                                         | Ш        | Ш        | $\sqcup$ | -        |          | -        | 4        | F        |               | 116        | $\vdash$ | $\vdash$     | -        | <u> </u>                                         |          | Щ        |               |   |          |
|              | 17       | M              | _        | _                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | _        |                                                  |          |          | $\dashv$        | _        |          | 67       | ╀            | $\perp$                                          |          | $\Box$   | Ц        |          |          | -        | 4        | <u> </u> |               | 117        | _        | _            |          |                                                  |          | _        | _             |   |          |
| <u> </u>     | 18       | $ \mathbf{V} $ | _        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |          |                                                  | Ш        | Ш        | Н               | _        | <u> </u> | 68       | $\vdash$     | Ш                                                |          | Щ        | Щ        | _        |          |          | _        | ⊢        |               | 118        |          | _            | <u> </u> | _                                                |          | $\vdash$ | -             | _ |          |
|              | 19       | $ \mathbf{V} $ | _        | _                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | _        |                                                  |          |          | Ш               | _        | -        | 69       | ╀-           | Щ                                                |          | -        | $\dashv$ | -        |          | -        | _        | ⊢        |               | 119        |          |              | H        | ⊢                                                |          |          | _             |   | _        |
|              | 20       | Ш              | _        | _                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |                                                  |          |          | Ш               | _        | ļ        | 70       | 1            |                                                  |          |          |          | -        | _        | -        | 4        | ⊢        | _             | 120        |          | <u> </u>     | _        | ┡                                                | _        |          |               |   | _        |
|              | 21       | Ш              | 4        | _                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | _        |                                                  |          |          | Н               | _        | <u> </u> | 71       | ╄            | Ш                                                | _        | Н        |          |          | -        |          | 4        | -        | _             | 121        |          | <u> </u>     | _        | <u> </u>                                         |          | $\vdash$ | _             |   |          |
| <u> </u>     | 22       | Н              | _        | _                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |                                                  | Ш        |          | $\sqcup$        | 4        | <u> </u> | 72       | 4_           |                                                  |          |          | $\dashv$ |          |          | $\dashv$ | 4        | ⊢        |               | 122        |          |              | -        | ⊢                                                |          | -        | $\dashv$      |   | <u> </u> |
|              | 23       | Н              |          | _                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | _        |                                                  | Ш        |          | Ш               | _        | <u> </u> | 73       | -            | Н                                                |          | -        | $\dashv$ | $\dashv$ | -        | -        | 4        | ⊢        | $\rightarrow$ | 123<br>124 | <u> </u> | <del> </del> | _        | <u> </u>                                         | _        | -        | -             |   |          |
|              | 24       | -              | _        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | $\dashv$ |                                                  | Н        |          | Н               |          | <u> </u> | 74<br>75 | -            | $\vdash$                                         |          |          | $\dashv$ | $\dashv$ | -        | -        | $\dashv$ | ⊢        |               | 125        | ⊢        | -            | -        | ┝                                                |          | H        | $\dashv$      |   | -        |
| <u> </u>     | 25       | $\vdash$       | -        | $\dashv$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | $\dashv$ | _                                                | $\vdash$ |          | $\vdash$        | $\dashv$ |          | 76       | +            | -                                                | _        | Н        | $\dashv$ |          |          | +        |          | ⊢        |               | 126        | $\vdash$ | $\vdash$     | -        | -                                                | -        | -        | $\dashv$      | _ |          |
| <u> </u>     | 26       | $\vdash$       | $\dashv$ |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | -        |                                                  | Н        | -        | $\vdash$        |          | -        | 77       | -            | Н                                                |          | Н        | $\dashv$ | -        | $\dashv$ | -+       | $\dashv$ | ⊢        |               | 127        | $\vdash$ | ⊢            | -        | $\vdash$                                         | _        | ⊢        | $\dashv$      |   |          |
|              | 27       |                | $\dashv$ | $\dashv$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | $\dashv$ | _                                                | Н        | Ш        | $\vdash$        |          |          | 78       | +-           | Н                                                |          | Н        | $\dashv$ | ⊣        |          | $\dashv$ | ᅱ        | -        |               | 128        | ┝        | <del> </del> |          | -                                                | _        | $\vdash$ | $\dashv$      |   |          |
|              | 28<br>29 | Н              | $\dashv$ |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | $\dashv$ |                                                  | Н        | $\vdash$ | $\vdash$        | $\dashv$ | <u> </u> | 79       | +            | Н                                                | $\vdash$ | H        | $\dashv$ | $\dashv$ |          | $\dashv$ | $\dashv$ | $\vdash$ |               | 129        | -        |              | $\vdash$ | -                                                | _        | -        | $\vdash$      |   |          |
| -            | 30       | Н              |          | $\dashv$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | -1       | _                                                | Н        |          | $\vdash$        | -        | -        | 80       | +            | $\vdash$                                         | $\vdash$ | -        | $\vdash$ | -        | $\dashv$ | ┰        | ᅱ        | ⊢        |               | 130        | ┝        | -            |          | $\vdash$                                         | $\vdash$ | $\vdash$ | $\vdash$      |   |          |
| <u> </u>     | 31       | -              | $\dashv$ |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |          | _                                                |          |          | Н               |          |          | 81       | +            | H                                                |          | Н        |          | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\vdash$ |               | 131        |          | -            | -        | <del>                                     </del> |          | $\vdash$ | -             |   |          |
| <u> </u>     | 32       | Н              |          | $\dashv$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | _        | H                                                | -        |          | $\vdash$        | $\dashv$ | -        | 82       | +            | H                                                | -        | Н        | $\vdash$ |          | $\dashv$ | -+       | $\dashv$ | ⊢        |               | 132        | $\vdash$ | $\vdash$     | $\vdash$ | -                                                |          | $\vdash$ | $\dashv$      |   |          |
|              | 33       | Н              |          | $\dashv$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          | -                                                | -        |          | Н               | $\dashv$ | -        | 83       | ╁            | -                                                | $\vdash$ | Н        | $\dashv$ | $\dashv$ |          | $\dashv$ | $\dashv$ | ┝        |               | 133        | H        | -            | ┢        | ┢╾                                               |          | $\vdash$ | $\vdash$      |   | _        |
| <del> </del> | 34       | Н              | $\dashv$ | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | $\vdash$ | -                                                | $\vdash$ | $\vdash$ | $\vdash$        | $\dashv$ | $\vdash$ | 84       | +            | <del>                                     </del> | -        | H        | $\vdash$ |          |          | $\dashv$ | $\dashv$ | <br> -   |               | 134        | $\vdash$ |              | $\vdash$ | <del>                                     </del> | $\vdash$ | $\vdash$ | $\vdash$      |   | _        |
| -            | 35       | Н              | $\dashv$ | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          | $\vdash$                                         | $\vdash$ | <u> </u> | $\vdash$        | $\dashv$ | -        | 85       | +            | $\vdash$                                         | Н        |          | $\vdash$ | -        |          | _        | $\dashv$ | H        |               | 135        |          | T            | Т        | <del>                                     </del> | Т        | $I^-$    | H             |   | ٦.       |
| $\vdash$     | 36       | Н              |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | $\vdash$ | $\vdash$                                         |          | $\vdash$ | $\vdash \vdash$ | ᅱ        | -        | 86       | +-           |                                                  | Н        | $\vdash$ | $\vdash$ | $\dashv$ |          | $\dashv$ | $\dashv$ |          |               | 136        |          | T            | T        |                                                  |          | Г        | П             |   | _        |
|              | 37       | Н              | $\dashv$ |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Н        | $\vdash$                                         |          | _        | $\vdash$        | $\dashv$ |          | 87       | +            |                                                  |          |          | Н        | $\dashv$ |          |          | $\dashv$ |          |               | 137        |          |              | 1        | $\vdash$                                         | $\vdash$ | Г        | П             | _ |          |
| $\vdash$     | 38       | H              | $\dashv$ | $\dashv$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | H        | $\vdash$                                         |          |          | H               | $\dashv$ |          | 88       | $\top$       |                                                  | H        |          | Н        | _        | $\neg$   | $\dashv$ | $\neg$   | 卜        |               | 138        |          |              |          | Ι                                                |          | Г        | $\Box$        | _ | Т        |
| <b>-</b>     | 39       | H              | $\dashv$ |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | $\vdash$ | -                                                | П        |          | Н               | $\dashv$ |          | 89       | $\top$       |                                                  | Т        |          | Н        | $\dashv$ |          | $\dashv$ | $\dashv$ |          |               | 139        |          |              |          | Т                                                | <u> </u> |          | П             |   |          |
| <b></b>      | 40       | $\vdash$       |          | $\dashv$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Н        | $\vdash$                                         | $\vdash$ |          | $  \neg  $      | $\neg$   |          | 90       | T            | T                                                |          | Г        | П        |          |          |          | $\neg$   |          |               | 140        | <u> </u> |              |          |                                                  |          |          |               |   | _        |
|              | 41       | Н              |          | $\dashv$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | H        |                                                  | $\Box$   | Ħ        | H               | $\neg$   |          | 91       | T            | Г                                                | Г        | П        | М        |          |          | $\Box$   | $\neg$   |          |               | 141        |          | Γ            |          |                                                  |          | Г        |               |   |          |
|              | 42       | Н              | $\Box$   | $\neg$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | П        | Т                                                |          | Г        |                 | $\dashv$ |          | 92       |              | Г                                                | T        | Г        | П        | $\neg$   |          | $\neg$   |          |          |               | 142        |          |              |          |                                                  |          |          |               |   |          |
|              | 43       | П              |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |          |                                                  | Т        |          | $\vdash$        | $\neg$   |          | 93       |              |                                                  |          |          | П        |          |          | $\Box$   | $\neg$   |          | -             | 143        |          |              |          |                                                  |          |          |               |   |          |
|              | 44       | П              |          | ᅥ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |                                                  | Г        | Г        | П               | $\dashv$ |          | 94       |              | Г                                                |          |          | П        |          |          |          | $\neg$   |          |               | 144        |          | Γ            |          |                                                  |          | I        |               |   |          |
|              | 45       | М              | $\vdash$ | ᅥ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |                                                  |          |          | П               | $\dashv$ |          | 95       |              | T                                                |          |          | ГП       |          |          | $\neg$   | ヿ        |          |               | 145        |          |              |          |                                                  |          |          |               |   | L        |
|              | 46       | Н              |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | $\vdash$ | <del>                                     </del> | $\vdash$ |          | П               | $\dashv$ |          | 96       | $\top$       | Г                                                |          | Г        | П        |          |          |          | ヿ        |          |               | 146        |          |              | Π        |                                                  |          |          |               |   |          |
|              | 47       | П              |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Г        | T                                                |          |          | П               | $\neg$   |          | 97       |              |                                                  | Γ        | T        | П        |          |          |          |          |          |               | 147        |          |              |          |                                                  |          |          |               |   | $\Box$   |
|              | 48       | П              |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |          |                                                  |          | Г        | П               | $\neg$   |          | 98       | Τ            | П                                                | Γ        |          | П        |          |          |          |          |          |               | 148        |          |              |          |                                                  |          |          |               |   |          |
|              | 49       |                | $\Box$   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |          | Т                                                |          |          | П               | $\neg$   |          | 99       |              |                                                  |          |          |          |          |          |          |          | Г        |               | 149        |          |              |          |                                                  | L        |          |               |   |          |
|              | 50       |                | П        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |          | Ι_                                               | <u> </u> |          | П               | П        |          | 100      |              |                                                  |          |          |          |          |          |          |          |          |               | 150        | 匚        |              |          |                                                  | L        |          |               |   |          |